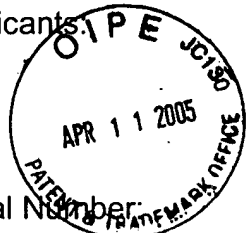


ITW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: John W. Rapp, Larry Jackson, Mark Jones, Troy Cherasaro
Title: PROGRAMMABLE CIRCUIT AND RELATED COMPUTING MACHINE AND METHOD
Serial Number: 10/684,057
Filing Date: October 9, 2003
Examiner/Unit: / 2818
Attorney Docket No.: 1934-14-3



CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited in the United States Postal Service as First Class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 7th day of April, 2005.


Signature

**RULE 56 INFORMATION DISCLOSURE AND
ACCOMPANYING SECTION 1.97(e) CERTIFICATION**

TO THE COMMISSIONER FOR PATENTS:

In compliance with 37 CFR § 1.56 and § 1.97, Applicants acting by and through the attorney of record, hereby discloses patents and other documents listed on the attached Form PTO-1449 which may be considered relevant to the examination of the subject application.

Copies of the cited references are enclosed.

Certification Under Section 1.97(e)

Several items of information contained in this Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this statement.

For those items of information contained in this Information Disclosure Statement that was first cited in any communication from a foreign Patent Office in a counterpart foreign application more than three months prior to the filing of this statement, no Office Action has been mailed in this application.

Respectfully submitted,

GRAYBEAL JACKSON HALEY LLP



Bryan A. Santarelli
Attorney for Applicant
Registration No. 37,560
155 - 108th Avenue NE, Ste. 350
Bellevue, WA 98004-5973
(425) 455-5575

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2
-------	---	----	---

<i>Application Number</i>	10/684,057
<i>Filing Date</i>	October 9, 2003
<i>First Named Inventor</i>	John W. Rapp
<i>Art Unit</i>	2818
<i>Examiner Name</i>	
<i>Attorney Docket Number</i>	1934-14-3

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		EP 1 061 438 A1	12/20/00	Hewlett-Packard Company		
		EP 0 945 788 A2	09/29/99	Texas Instruments Incorporated		
		EP 0 945 788 A3	06/26/02	Texas Instruments Incorporated		
		EP 0 694 847 A2	01/31/96	International Business Machines Corporation		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	10/684,057
Filing Date	October 9, 2003
First Named Inventor	John W. Rapp
Art Unit	2818
Examiner Name	
Attorney Docket Number	1934-14-3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		LECURIEUX-LAFAYETTE G: "Un Seul FPGA Dope Le Traitement D'Images", Electronique, CEP Communication, Paris, FR, no. 55, 1996, pp. 98, 101-103	
		VERMEULEN F. ET AL., "Flexible Hardware Acceleration for Multimedia Oriented Microprocessors", Micro-33. Proceedings of the 33 rd Annual ACM/IEEE International Symposium on Microarchitecture. Monterey, CA, Dec. 10-13, 2000, Proceedings of the Annual ACM/IEEE International Symposium on Microarchitecture, Los Alamitos, CA: IEEE Comp. Soc. US, 10 December 2000, pp. 171-177	
		International Search Report for PCT/US 03/34557, December 21, 2004	
		International Search Report for PCT/US 03/34559, January 7, 2005	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.